

## ABSTRACT

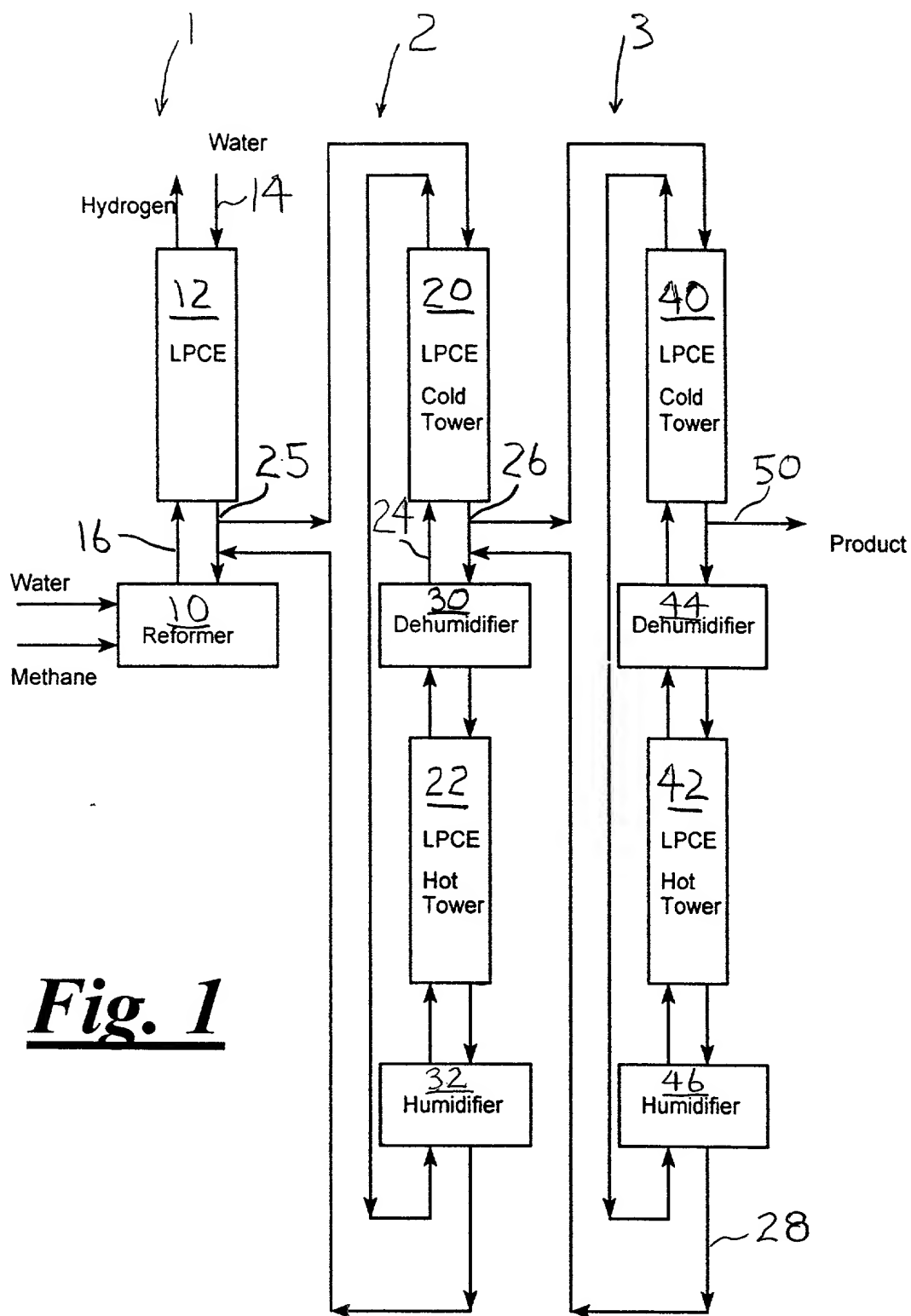
A hybrid BHW-CIRCE process heavy water production system in which most or all of the CECE upper stages of the CIRCE process are replaced with BHW liquid phase catalytic  
5 exchange stages. The system allows the CIRCE process to return to a more natural cascade resulting in a more cost effective process.

UNITED STATES PATENT AND TRADEMARK OFFICE  
DOCUMENT CLASSIFICATION BARCODE SHEET



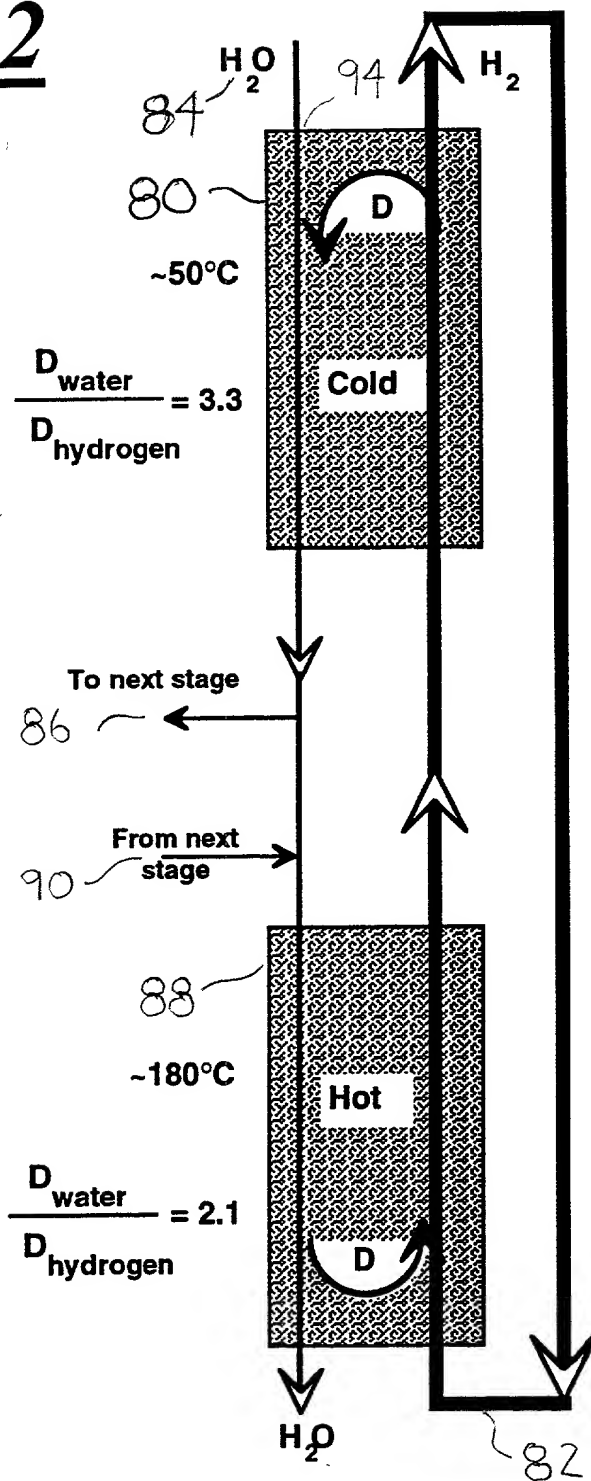
# Drawings

7

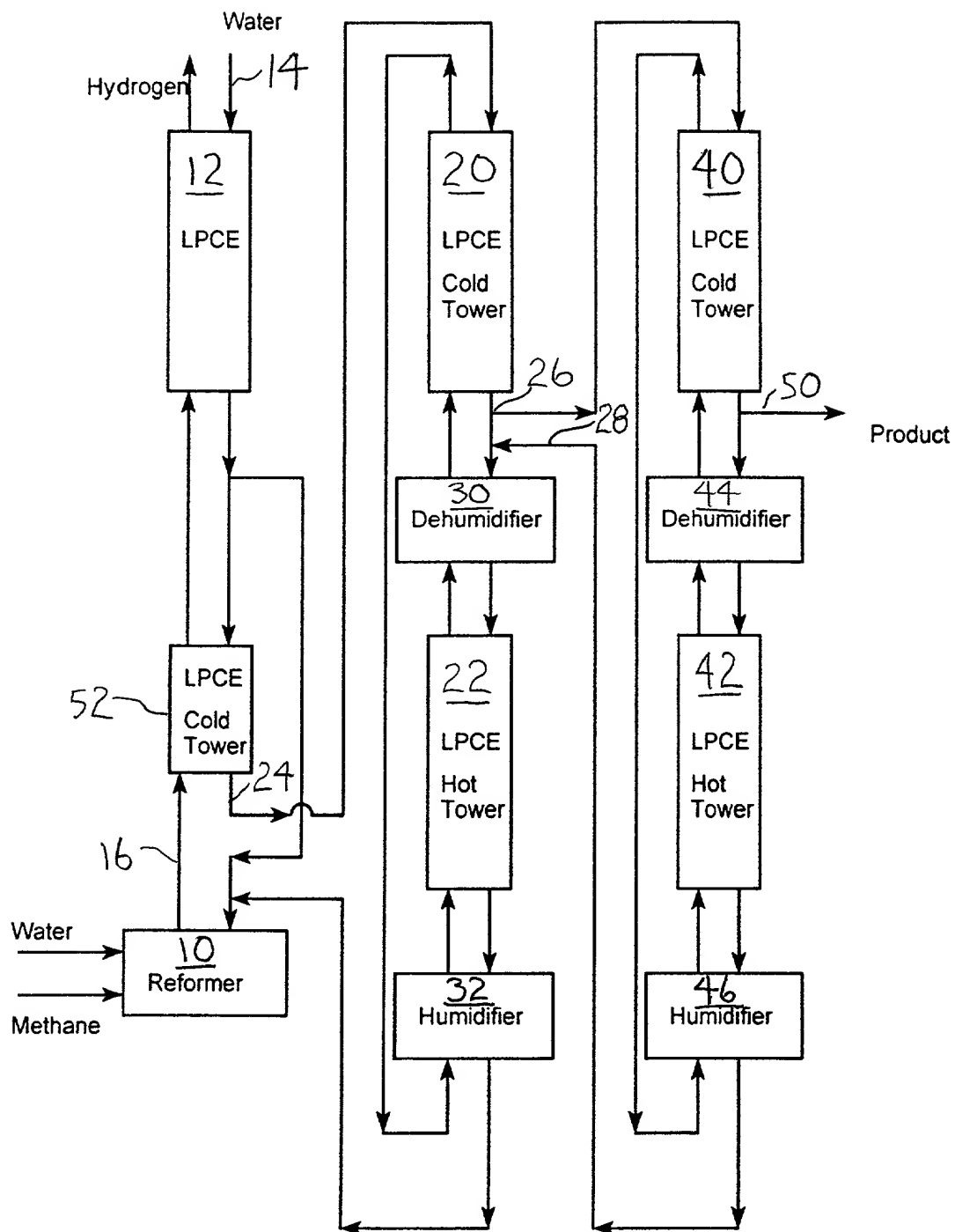


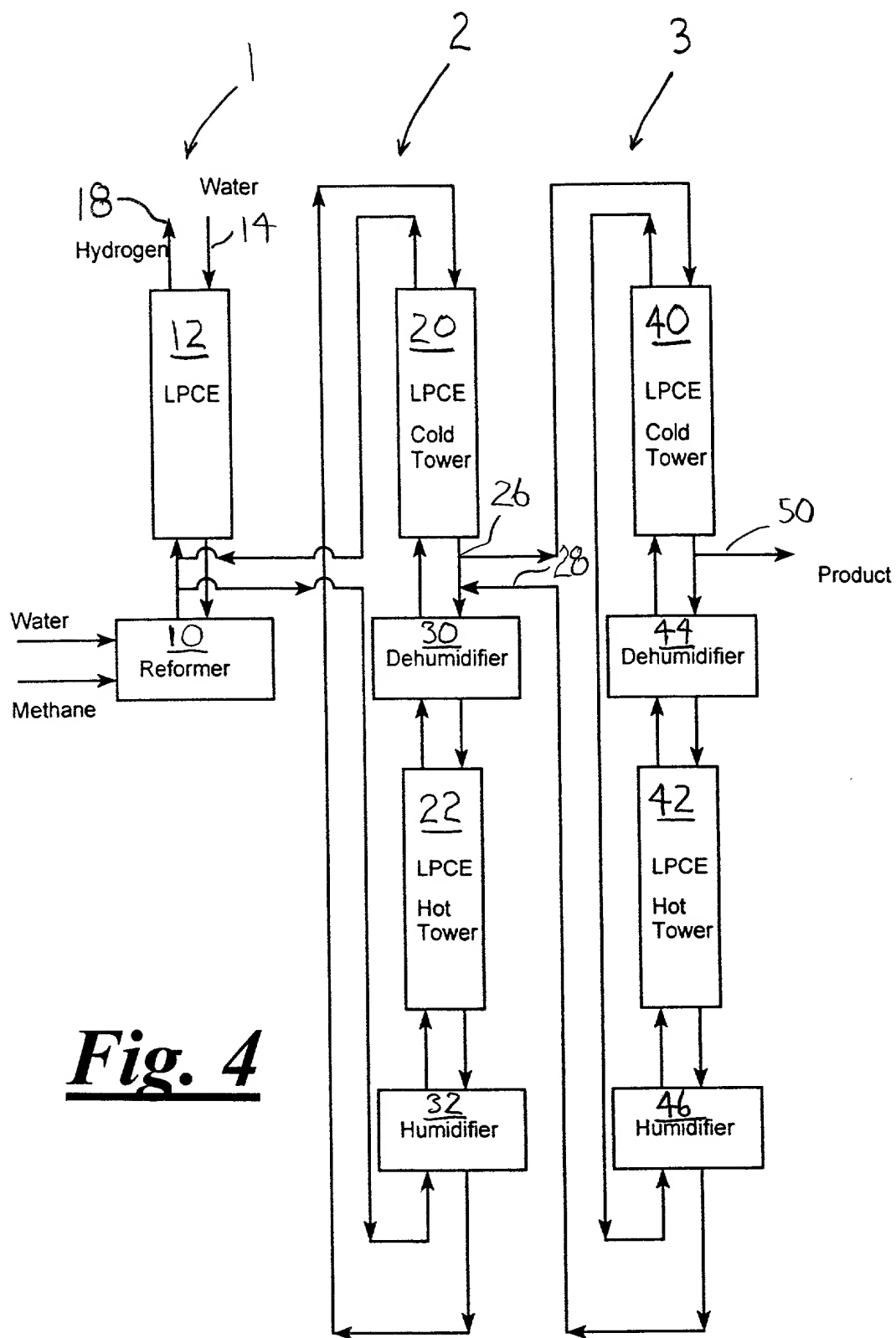
**Fig. 1**

**Fig. 2**

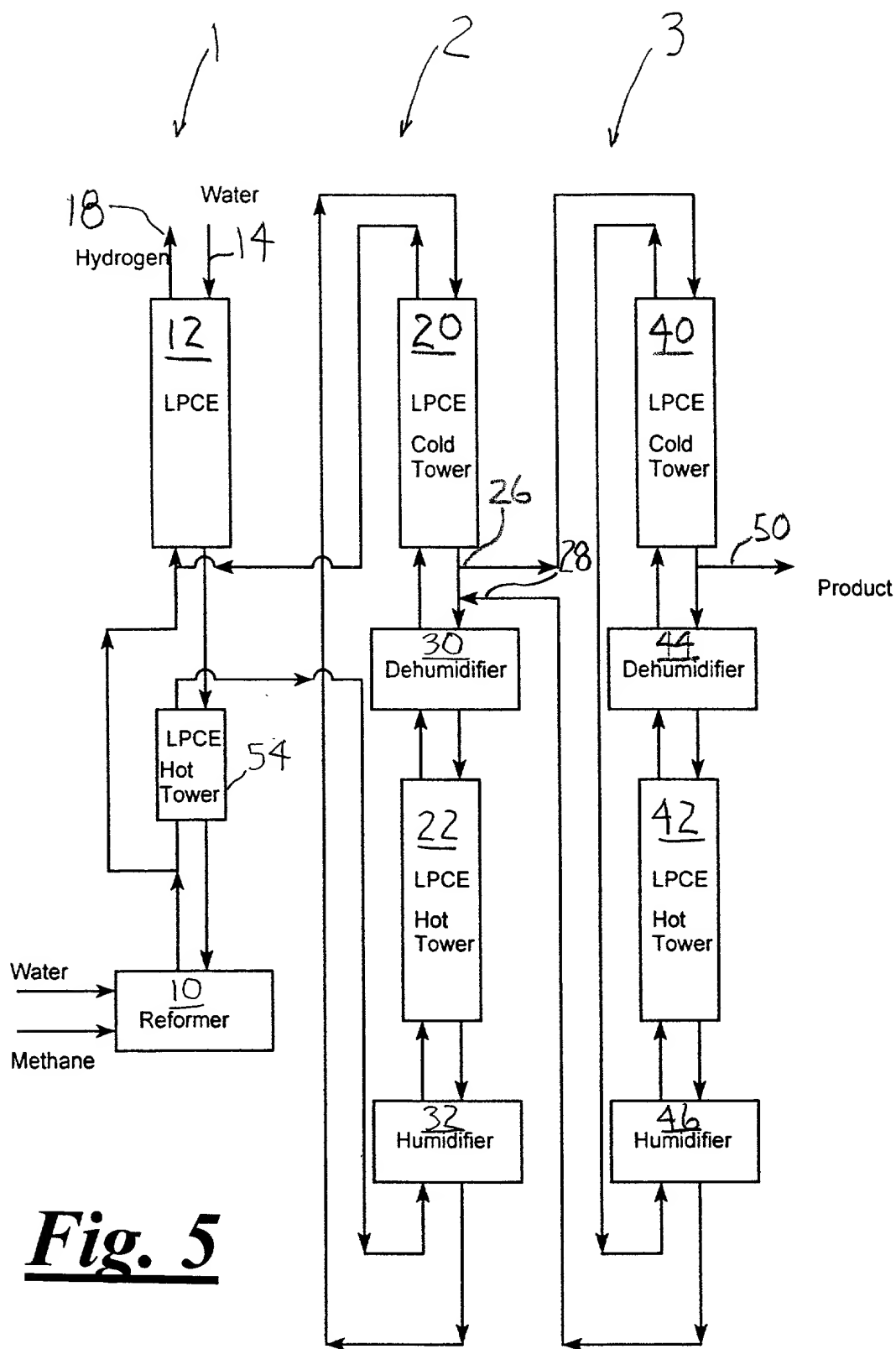


***Fig. 3***



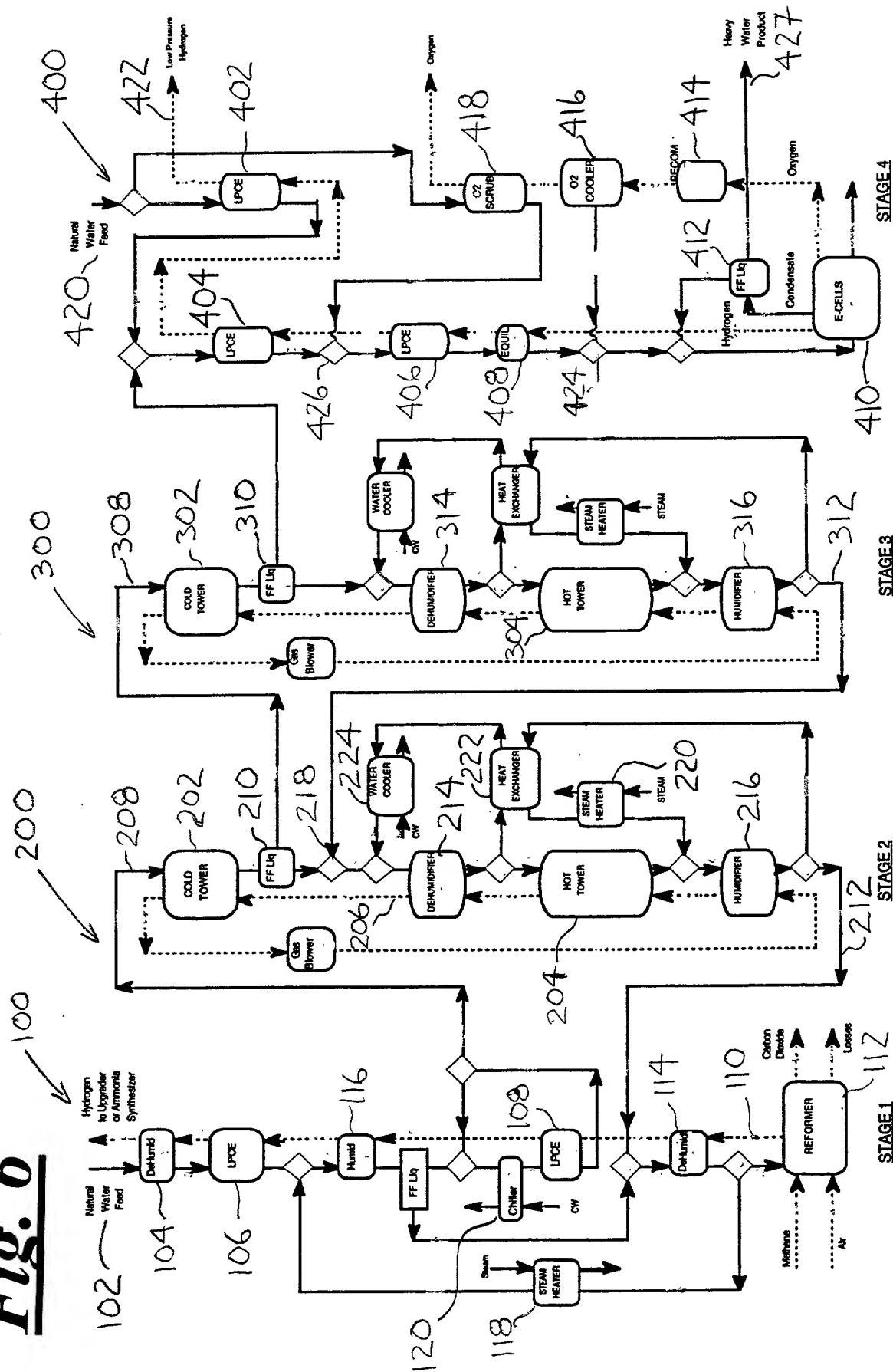


***Fig. 4***



**Fig. 5**

# Fig. 6





[illegible]